

20020118.qrp v02_n439.qrl.20020118

Date: Fri, 18 Jan 2002 19:03:04 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2439

QRP-L Digest 2439

Topics covered in this issue include:

- 1) [117750] Re: 49 MHz talkies in Europe
by John Wagner <john@wagner-usa.net>
- 2) [117751] Re: QRP Mobile w/Hamsticks
by Richard Clem <clem.law@usa.net>
- 3) [117752] How to handle mobile antenna cables
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 4) [117753] WTB: DSW-30 or DSW-80
by "N3BJ" <alanfryer@email.msn.com>
- 5) [117754] Re: 49 MHz talkies in Europe
by Bruce Muscolino <w6toy@erols.com>
- 6) [117755] Re: FDIM
by Bruce Muscolino <w6toy@erols.com>
- 7) [117756] Re: Hamstick
by Bruce Muscolino <w6toy@erols.com>
- 8) [117757] Elecraft at RadioFest, Monterey, CA Feb 16th
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 9) [117758] Semiconductor IC
by <jfox6@houston.rr.com>
- 10) [117759] QRP-related Reflectors on Yahoo
by SMurph555@aol.com
- 11) [117760] Re: QRP Mobile w/Hamsticks
by "George, W5YR" <w5yr@att.net>
- 12) [117761] Re: 49 MHz talkies in Europe
by Gottfried Ira <ira@atnet.at>
- 13) [117762] Re: Semiconductor IC
by "John J. McDonough" <wb8rcr@arrl.net>
- 14) [117763] Re: QRP Mobile w/Hamsticks
by Bruce Muscolino <w6toy@erols.com>
- 15) [117764] Re: Hamstick
by Larry Cahoon <lejek@erols.com>
- 16) [117765] Re: QRP Mobile w/Hamsticks
by Larry Cahoon <lejek@erols.com>
- 17) [117766] Re: 49 MHz talkies in Europe
by Larry Cahoon <lejek@erols.com>
- 18) [117767] FOX: Truffle - AJ4AY
by "Tom" <n1tp@worldnet.att.net>
- 19) [117768] Re: Go figure

- by David Adams <david@theadamsclan.com>
- 20) [117769] Re: Limited space in car
by Stephan Greene <sgreene@patriot.net>
- 21) [117770] Re: Go figure
by "Bruce Shaw" <kg4dzu@ivwnet.com>
- 22) [117771] Fox - Learned Something
by Jim Campbell <jim-c@nc.rr.com>
- 23) [117772] FOX: Spots
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [117773] Truffle Report
by "Jay Henson" <aj4ay@worldnet.att.net>
- 25) [117774] Re: Limited space in car
by "John J. McDonough" <wb8rcr@arrl.net>
- 26) [117775] Fox Hunt
by Fred Lesnick <flesnick@tbaytel.net>
- 27) [117776] Re: Fox - Learned Something
by "Jim Stamper" <jstamper@shentel.net>
- 28) [117777] Re: [QFOX] Fox Hunt
by "Tom" <n1tp@worldnet.att.net>
- 29) [117778] Re: FOX: Truffle - AJ4AY
by "George, W5YR" <w5yr@att.net>
- 30) [117779] Re: QRP Mobile w/Hamsticks
by Ed Manuel <edmanuel@directvinternet.com>
- 31) [117780] RF interference with fire alarm
by PDouglas12@aol.com
- 32) [117781] Re: looking for used laptop for PSK
by Brian Short <k7on@earthlink.net>
- 33) [117782] Re: [QFOX] Fox Hunt
by "Karl F. Larsen" <k5di@zianet.com>
- 34) [117783] Nabbed Fox #2
by Fred Lesnick <flesnick@tbaytel.net>
- 35) [117784] FOX: Well 50% is...
by "Karl F. Larsen" <k5di@zianet.com>
- 36) [117785] Re: Hamsticks
by Kevin L Anderson <k9iua@juno.com>
- 37) [117786] Re: QRP in 40 Meter Novice Band
by "Harry Hurst" <wa3ptg@home.com>
- 38) [117787] Re(2): [QFOX] Fox Hunt
by "Scott Holisky" <sholisky@tpt.org>
- 39) [117788] Fox -- Another Strange Hunt...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 40) [117789] Re: Hamsticks
by Dave Fouchey <dafouchey@home.com>
- 41) [117790] Re: Go figure
by tailfeathers@juno.com
- 42) [117791] Re: Hamsticks
by "K7FD N7SG" <k7fd@hotmail.com>
- 43) [117792] Re: Limited space in car

- by "Mike Yetsko" <myetsko@insydesw.com>
- 44) [117793] Wild night out FOXing
by "Steve/n0tu" <n0tu@codenet.net>
- 45) [117794] Re: QRP Mobile w/Hamsticks
by w4bws@juno.com
- 46) [117795] Re: RF interference with fire alarm
by wb0wao@hotmail.com (Dennis Ponsness)
- 47) [117796] Re: 49 MHz talkies in Europe
by "G3MFJ" <g3mfj@btinternet.com>
- 48) [117797] Re: QRP Mobile w/Hamsticks
by "Francis Callahan" <colcal@srv.net>
- 49) [117798] Re: Limited space in car
by "Mike Yetsko" <myetsko@insydesw.com>
- 50) [117799] Re: Hamstick
by Bruce Muscolino <w6toy@erols.com>
- 51) [117800] Re: Hamsticks
by Bruce Muscolino <w6toy@erols.com>
- 52) [117801] computer help
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 53) [117802] Re: computer help
by "John Dorson" <jdorson@Worldshare.net>
- 54) [117803] Help with subscribe + unsubscribe ???
by Radiohead <hduff@ica.net>
- 55) [117804] Re: Elmer 001 - Safety Tips
by George Gingell <k3tks@u1.abs.net>
- 56) [117805] TS50, old dog, new tricks
by "Richard Arnold" <af8x@home.com>
- 57) [117806] Re: TS50, old dog, new tricks
by Jake Brodsky <frussle@erols.com>
- 58) [117807] Re: TS50, old dog, new tricks
by "Karl F. Larsen" <k5di@zianet.com>
- 59) [117808] RE; Old Dog...
by "Richard Arnold" <af8x@home.com>
- 60) [117809] Re: QRP in 40 Meter Novice Band
by Jim Glover <psykey@okcforum.org>
- 61) [117810] FRS Freq's
by Steven Weber <kd1jv@moose.ncia.net>
- 62) [117811] AEA Morse Matic mm-2
by Arthur Moe <kb7ww@uswest.net>
- 63) [117812] Re: Go figure
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 64) [117813] RE: QRP in 40 Meter Novice Band
by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 65) [117814] Tuna Tin 2 a Good Investment
by "James R. Duffey" <jamesd1@flash.net>
- 66) [117815] Upconversion, Wide Roofing Filters, and Good Dynamic Range
by "James R. Duffey" <jamesd1@flash.net>
- 67) [117816] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range

- by Chris Trask <ctrask@primenet.com>
- 68) [117817] London QRP clubs
by "Joe W2KJ" <w2kj@earthlink.net>
- 69) [117818] Re: London QRP clubs
by "Leon Heller" <leon_heller@hotmail.com>
- 70) [117819] Re: London QRP clubs
by KKANALZ@prodigy.net
- 71) [117820] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
by "James R. Duffey" <jamesd1@flash.net>
- 72) [117821] RE: QRP-L digest 2438
by "Steve Markowitz" <sdmarko@attglobal.net>
- 73) [117822] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
by Steven Weber <kd1jv@moose.ncia.net>
- 74) [117823] RE: QRP-L digest 2438
by Steven Weber <kd1jv@moose.ncia.net>
- 75) [117824] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
by Chris Trask <ctrask@primenet.com>
- 76) [117825] Milliwatt DX QSO today
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 77) [117826] Re: FRS Freq's
by Bruce Muscolino <w6toy@erols.com>
- 78) [117827] Re: QRP in 40 Meter Novice Band
by Bruce Muscolino <w6toy@erols.com>
- 79) [117828] Re: QRP-L digest 2438
by Bruce Muscolino <w6toy@erols.com>
- 80) [117829] Re: QRP in 40 Meter Novice Band
by Jim Glover <psykey@okcforum.org>
- 81) [117830] Re: Hamsticks
by Dave Fouchey <dafouchey@home.com>
- 82) [117831] 2001 Ham Radio totals, de N4UY
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 83) [117832] Hiding the board-makin' evidence & other associated follies
by nilsbull@juno.com
- 84) [117833] For sale -- Buzz Not (unbuilt kit)
by "Steve Hudson" <sdhudson@cahners.com>
- 85) [117834] RE: QRP-L digest 2438
by "Karl F. Larsen" <k5di@zianet.com>

Date: Thu, 17 Jan 2002 19:10:45 -0500
From: John Wagner <john@wagner-usa.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117750] Re: 49 MHz talkies in Europe
Message-ID: <3C476805.27058D5A@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The current US FRS spectrum is from 462.5625 to 462.7125 and 467.5625 to 467.7125. I'm going to guess that this spectrum is used for similiar license-free operation in the rest of the world or a good chunk of it as well.

I have 3 of these cheap little FRS radios. We paid \$30 for the first pair and \$10 for the odd one. You can catch them on sale and with rebates fairly often, which is what we did.

These are GREAT little walkie talkies for kids! My boys and I use 'em quite a bit and the quality of the audio is great! They have a range of almost a mile, maybe more with unobstructed line of sight. They are very clear (they transmit in FM), much more clear then the walkie talkies that were popular when I was younger (which I think used CB channel 14).

And they are QRP. ;) Mine put out half a watt.

IMO these little radios are a great way to get youngsters interested in radio. Now if they only had a CW button like my old walkie talkies did!

73,

John, N1Q0

Leon Heller wrote:

>
>
> Some years ago I remember seeing some 49 MHz radios here in the UK. I
> wondered whether it would be feasible to put them on 6 metres. I'm not sure
> if they were legal here.
>
> However, the current license-free radios (PMR-464) I've seen advertised
> operate on 464 MHz. They are often sold for 'family use'.
>
> Leon
> --
> Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
> My low-cost Altera Flex design kit: <http://www.leonheller.com>
>
> -----
> Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: 17 Jan 2002 18:35:29 CST
From: Richard Clem <clem.law@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [117751] Re: QRP Mobile w/Hamsticks
Message-ID: <20020118003529.3799.qmail@cpdvg201.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I can also attest to how well these dummy loads on a stick work.

I have both the 40 meter and 20 meter versions. At first, I was using them
QRO with the antenna mounted on a trunk mount. On 20 SSB, I worked quite a
bit of DX, and basically, if I could hear 'em, I could work 'em.

I did not have as good results on 40, but I suspect they are doing about as
well as can be done, squeezing a 33 foot antenna into about 7 feet. I think
the 20 meter version would do very well on QRP, but unfortunately I don't yet
have a QRP rig for 20.

I did, however, try 40 meter QRP from my minivan. I just put the trunk mount
on the top of the rear hatch. It was rather unsightly, and I did scrape a
number of neighborhood trees, but it did seem to get out fairly well. In fact,
my best DX was France, with 5 watts, in August. IIRC, my report was
something like 339.

I did not bother too much with getting a good ground on either setup. I just
tightened the set screws and hoped for the best. I did, however, stick a
length of wire in the trunk, more or less randomly, attached to the grounded
side. On the minivan, I did run about 33 feet of wire as a counterpoise,
under the vehicle. I don't know whether these counterpoises helped at all,

but they didn't hurt.

Brice's hamstick on a tripod was doing very well last night. He started out very weak, but he was up to about 569 near the end of the hunt. I suspect he would have been a lot stronger with a dipole at 100 feet, but I was able to copy him just fine.

Incidentally, for portable operations from motel rooms, etc., I usually put up a dipole in the clear as much as possible. I suspect that approach probably works better than a hamstick, and it would be rather difficult to take a hamstick in my luggage. I just bring a chunk of coax and 66 feet of wire. If I forget the wire (or the maid "cleans it up", as apparently happened last time), I usually just head to the closest Target or WalMart. The cheapest source usually seems to be 24 gauge speaker wire, which I just cut to length and zip apart.

Finally, here is a helpful hint, in case you need to measure a dipole for 40 meters and have no ruler handy: Use the edge of a 8 1/2 by 11 sheet of paper as an 11-inch ruler. Measure out 12 pages of wire, and you have 11 feet. Use those 11 feet of wire to measure out 22 more feet. Cut, and if you are working with speaker wire, just zip it apart and you have yourself a dipole!

73,
Rick W0IS

Aartec wrote:

Date: Wed, 16 Jan 2002 20:00:06 -0600
From: "Aartec" <aartec@dwx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [117694] Re: QRP Mobile w/Hamsticks
Message-ID: <000001c19efa\$af892d60\$1adececf@b6v6o9>

MIME-Version: 1.0
Content-Type: text/plain;
charset=3D"iso-8859-1"
Content-Transfer-Encoding: 7bit

Brice's Fox Cub run is pretty amazing for a Hamstick on a tripod. I also have to weigh in on the Hamstick defense. I have had great results with them

on three different vehicles. About a year ago I started running mobile on

20M and 40M at the 1 watt level with Hamsticks and that works better than I

would ever have imagined. It's always nice when the guy on the other end has

a beam at 65ft, but I have worked many QRP stations, other mobiles, and stations with compromise antennas. I have even worked a little DX with them at

setup, the best being 9A5D in Croatia.

"All antennas work" and there is nothing magic about a Hamstick. I just like

to use them because they are easy to tune, mount, store. FWIW, YMMV

72

Jerry

W0PWE

<http://www.qsl.net/w0pwe>

Date: Thu, 17 Jan 2002 18:35:43 -0600

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: "John J. McDonough" <wb8rcr@arrl.net>

Cc: <qrp-1@Lehigh.EDU>

Subject: [117752] How to handle mobile antenna cables

Message-ID: <009b01c19fb8\$0ff52f10\$4e100a0a@rohredt2000>

John,

Some vehicles now have rubber plugs under the front seats for cabling, just seal them with vinegar free RTV.

Other installations for a majority of cars can be done by pulling up the threshold of the door on one side or the other. These are metal held by screws in many cases. You will find a cable tray with wires already going to the tail lights. Follow that path past the back seat and thru the partition behind the seat to the trunk. A coat hanger can be used as a "snake" to

lead a pilot line thru to pull the cable.
GL and 72,
Stuart K5KVH

Date: Thu, 17 Jan 2002 19:36:36 -0500
From: "N3BJ" <alanfryer@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117753] WTB: DSW-30 or DSW-80
Message-ID: <001101c19fb8\$315d9520\$434e6520@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please let me know if you have one that is surplus to your needs. Unbuilt,
incomplete, problem rig, no case OK.

Alan, N3BJ
Bent Mountain, VA

Date: Thu, 17 Jan 2002 19:33:09 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117754] Re: 49 MHz talkies in Europe
Message-ID: <3C476D45.C140A2E8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

It does not matter what you call them, they are RF emitters. In days
gone by most European administrations used to be very sensitive about
people who used the RF spectrum without permission. Unlike the US, they
have had a long history filled with terrorist organizations, like the
IRA, who made use of "personal communications" devices. The best answer
you can give is to ASK FIRST, it saves potentially embarrassing
experiences and confiscation of equipment!

Date: Thu, 17 Jan 2002 19:34:58 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117755] Re: FDIS
Message-ID: <3C476DB2.FF8AD9E5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

Just be careful about what you fondle!

73

Date: Thu, 17 Jan 2002 19:36:59 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: wa7nwp@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117756] Re: Hamstick
Message-ID: <3C476E2B.137CF23A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

Well, it sounds like you need a few ground wires to ht. frame! Like I said, the largest factor in performance is the quality of the ground!

73

Date: Thu, 17 Jan 2002 16:50:53 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>
Subject: [117757] Elecraft at RadioFest, Monterey, CA Feb 16th

Message-ID: <3C47716D.580CB734@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Just a short note that Wayne, Scott, I and some of our K2 owners will be at RadioFest, in Monterey, CA, Feb. 16th with all our goodies. We will also be giving a seminar on advanced receiver design.

Its also a great excuse to come to the Monterey peninsula and check out the beautiful scenery and the World Famous Monterey Bay Aquarium. (Tell your spouse, kids etc. so they will let you come...)

You can read more about RadioFest at:
<http://www.k6ly.org/radiofest/>

73, Eric WA6HHQ

--

<http://www.elecraft.com>

Date: Thu, 17 Jan 2002 18:56:48 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [117758] Semiconductor IC
Message-ID: <009001c19fbb\$0487e480\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI

Does anyone in the group have two SA604AN?
I can find SA604AD but these are surface mounted and thus not exactly consistent with the PC board I have.

Tks,

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Thu, 17 Jan 2002 19:55:40 EST
From: SMurph555@aol.com
To: qrp-1@lehigh.edu
Subject: [117759] QRP-related Reflectors on Yahoo
Message-ID: <a4.1fa1d44d.2978cc8c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

Can someone tell me how I can access the QRP-related mail reflectors, e.g., the FT-817 group, on Yahoo. All seem to have closed their archives to all but members. Please reply off-line to caljsi@aol.com

Thanks for any help!

Cal K4JSI

Date: Thu, 17 Jan 2002 18:57:23 -0600
From: "George, W5YR" <w5yr@att.net>
To: clem.law@usa.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117760] Re: QRP Mobile w/Hamsticks
Message-ID: <3C4772F3.D66EB4B2@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another quick way to get wire or rope or whatever cut to approximate lengths without any additional materials is to use your hand, arm and chin!

Take a tape measure - cloth or metal - grasp one end between thumb and forefinger of your left hand and extend your left arm to the side of your body as far as it will go. Then hold the tape measure under your chin. Check the length and repeat a few times to get an average. For a more "accurate" approach, use your nose instead of your chin.

That number is your personal, calibrated length estimator for cutting wire for antennas! For me, the number is 34 inches, so I usually just consider it to be three feet and then add little to the finished product. Unless used in a tuned-feeder situation, most wire antennas have to be pruned anyway and this method will give you a starting length that will be close. Most importantly, it can be done in seconds without needing anything else, except something to cut the wire.

An old way that probably many already know and use, but then there are our newbies . . .

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Richard Clem wrote:

> Finally, here is a helpful hint, in case you need to measure a dipole for 40
> meters and have no ruler handy: Use the edge of a 8 1/2 by 11 sheet of paper
> as an 11-inch ruler. Measure out 12 pages of wire, and you have 11 feet. Use
> those 11 feet of wire to measure out 22 more feet. Cut, and if you are
> working with speaker wire, just zip it apart and you have yourself a dipole!

Date: Fri, 18 Jan 2002 02:15:17 +0100
From: Gottfried Ira <ira@atnet.at>
To: qrp-l@lehigh.edu
Subject: [117761] Re: 49 MHz talkies in Europe
Message-ID: <3C477725.59F6CC9F@atnet.at>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill K5BDZ wrote:

> The 49 MHz or so non-licensed "personal talkies" found (cheap) in the U.S in
> target, K-Mart and other discount areas.....are they legal in UK,
> Deutschland, Switz and Austria?
>
> We travel there and these cheap little HT's would be very handy when my wife
> get's lost in a flea-market (something I would NEVER do...Hi!)
>
> Comments appreciated. Thanks
> Bill K5BDZ

Disallowed in Austria and Germany, probably Switzerland too.
Dont know about UK.
But if You tune around 50MHz, sometime signals can be found...

73,
Gottfried OE1IRA

Date: Thu, 17 Jan 2002 20:12:04 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <jfox6@houston.rr.com>
Subject: [117762] Re: Semiconductor IC
Message-ID: <003501c19fbd\$26330e00\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just picked up a couple from Diz. I intend to use them, but I bet he has a few left.

<http://kitsandparts.com>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: <jfox6@houston.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 17, 2002 7:56 PM
Subject: Semiconductor IC

> HI
> Does anyone in the group have two SA604AN?
> I can find SA604AD but these are surface mounted and thus not exactly
> consistent with the PC board I have.
>
> Tks,
>
> Foxy
> jfox6@houston.rr.com
> <http://www.qsl.net/w5hir>
>

Date: Thu, 17 Jan 2002 20:24:06 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: clem.law@usa.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117763] Re: QRP Mobile w/Hamsticks

Message-ID: <3C477936.5619DEDC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard,

Mobile operations have gone on for many years no, QRP mobile is nothing new. If you have access to any older literature you will find a whole host of articles on mobile operation and mobile antennas. They are definitely worth the read. Both CQ and the ARRL used to publish Mobile Handbooks filled with ideas and tips. They too are worth looking for at hamfests!

73

Date: Fri, 18 Jan 2002 01:52:21 +0000
From: Larry Cahoon <lejek@erols.com>
To: w6toy@erols.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117764] Re: Hamstick
Message-ID: <5.1.0.14.0.20020118014518.021b6d90@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:36 PM 1/17/2002 -0500, Bruce Muscolino wrote:

>Bill,

>

>Well, it sounds like you need a few ground wires to ht. frame! Like I
>said, the largest factor in performance is the quality of the ground!

Amen - make sure you have a good ground. A three foot piece of wire running from the base of the antenna to a nearby ground bolt does not count. You want a good RF ground, a DC ground is not in itself good enough. The wider the ground strap(s), and the shorter the better. An easy test was pointed out to me that can be done with one those MFJ-259s. Hook up the antenna to the analyzer. Set the analyzer on the seat of the car on a box. The idea is to get it away from other nearby metal objects in the car. They do the waving of your hand. Quite literally wave your hands around the thing without touching it. If the needle moves then you don't have a good RF ground.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Fri, 18 Jan 2002 01:45:08 +0000
From: Larry Cahoon <lejek@erols.com>
To: clem.law@usa.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117765] Re: QRP Mobile w/Hamsticks
Message-ID: <5.1.0.14.0.20020118014022.021befd8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>I did not have as good results on 40, but I suspect they are doing about as
>well as can be done, squeezing a 33 foot antenna into about 7 feet. I think
>the 20 meter version would do very well on QRP, but unfortunately I don't yet
>have a QRP rig for 20.

You hit exactly why any mobile antenna will work better on 20 than on
40. Squeezing 33 ft into 7 ft makes for a much bigger compromise than
squeezing 16 ft into 7. I got my mobile antenna guru to work out the math
once. We came to the conclusion that on 20 meters a good mobile ant. with
the coil at the top was down an s-unit from a full size vertical. Move the
coil to the bottom of the antenna and you lose another s-unit. The losses
would be much bigger on 40 meters.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Fri, 18 Jan 2002 01:36:45 +0000
From: Larry Cahoon <lejek@erols.com>
To: leon_heller@hotmail.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117766] Re: 49 MHz talkies in Europe
Message-ID: <5.1.0.14.0.20020118013622.00b6fbb0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

In the US the freq. are:

461.5625 Family Radio - 1

461.5875	Family Radio - 2
462.6125	Family Radio - 3
462.6375	Family Radio - 4
462.6625	Family Radio - 5
462.6875	Family Radio - 6
462.7125	Family Radio - 7
467.5625	Family Radio - 8
467.5875	Family Radio - 9
467.6125	Family Radio - 10
467.6375	Family Radio - 11
467.6625	Family Radio - 12
467.6875	Family Radio - 13
467.7125	Family Radio - 14

I believe they are limited to 500 mW with very specific requirements on the antenna. They can't be removable and the like. Anyway it looks like the freq. are not the same on both sides of the pond.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

At 10:10 PM 1/17/2002 +0000, Leon Heller wrote:

>Sorry, I got it wrong. The new standard for license-free radios is
>PMR-446, operating on 446MHz. They can be used anywhere in Europe and are
>made by Motorola as well as the big three Japanese amateur radio manufacturers.
>

>73, Leon

>--

>Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

>My web page: http://www.geocities.com/leon_heller

>My low-cost Altera Flex design kit: <http://www.leonheller.com>

>

>

>

>-----
>Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Thu, 17 Jan 2002 20:59:39 -0500

From: "Tom" <n1tp@worldnet.att.net>

To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>

Subject: [117767] FOX: Truffle - AJ4AY

Message-ID: <001101c19fc3\$caaf26c0\$f98d4d0c@tom>

I've never heard so many hounds in the Truffle as this evening.

Jay in Alababa is giving out pelts one after the other..

I can clearly hear hounds from all parts of the U.S.

Hope these conditions continue into the Fox Hunt this evening.

Tom, N1TP
Naples, Florida

Date: Thu, 17 Jan 2002 21:13:56 -0500
From: David Adams <david@theadamsclan.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117768] Re: Go figure
Message-ID: <3C4784E4.9010802@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks to everyone for their well wishes...I'm going back to work tomorrow....I have pain killers and work in a Med Center (easy access to wheelchairs), so it should help pass the time!

Dave

Date: Thu, 17 Jan 2002 21:19:55 -0500 (EST)
From: Stephan Greene <sgreene@patriot.net>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117769] Re: Limited space in car
Message-ID: <Pine.LNX.4.10.10201172115360.7145-1000000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Jan 2002, John J. McDonough wrote:

> The problem isn't mounting the radio. I'm sure the 706 will fit in there.

> The problem is getting from the passenger compartment to the trunk. There's
> a whole pile of paraphernalia inbetween. The only thing I can see so far is
> to go underneath, but then I have the problem of sealing a hole in the
> floor, likely quite a challenge.

I'll assume your car is a sedan with a fixed rear seat (no "hatch" or fold down seat to access the trunk). My car is like that. One day, I noticed that a large heavy package had pushed up against the fiberboard between the rear set and the trunk space and cracked it. Bending back the damaged board, I saw the rear of the seat itself. I was able to work a feedline around the fiberboard, then out from behind the seat into the passenger compartment. The seat design allowed me to slide it down out of the way of the passenger, I then simply ran the feedline under the floor mat and up to the front. It's not a professional installation, but it is "good enough" and no holes needed drilling.

You may be able to do something similar in your car. If you are willing to spend some money, the shops that install car stereos or 2-way radios should be able to run any cabling you need.

73 Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
Herndon, VA 1-703-654-6032 office 1-571-233-1194 cell

Date: Thu, 17 Jan 2002 21:07:11 -0500
From: "Bruce Shaw" <kg4dzu@ivwnet.com>
To: <david@theadamsclan.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117770] Re: Go figure
Message-ID: <018301c19fc7\$4082b260\$7219273f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That has the makings of becoming an urban legend!
bruce
kg4dzu

----- Original Message -----
From: David Adams <david@theadamsclan.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, January 17, 2002 11:55 AM

Subject: Go figure

> Well, my brother in law came over and we installed some new circuits in
> the basement of my Michigan home. I set up the workbenches and was
> planning on getting the station up and some kits started this weekend....
>
> Yesterday, on my usual bicycle commute to work, I cruised over a patch
> of black ice, but failed to notice the 2nd patch of black ice
> immediately following. Result? One seriously broken leg.
>
> AND MY NEW SHACK IS DOWN THE STAIRS!!!!!!!!!!!!!! I CAN'T GET DOWN THE
> STAIRS!
>
> Oh well, I had my wife carry up my travel kit (K1-4, MP-1 and key), so I
> can get on the air...but go figure...
>
> 73 de dave, n9uxu
>
>

Date: Thu, 17 Jan 2002 21:41:20 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117771] Fox - Learned Something
Message-ID: <3C478B50.34BA97B4@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was fortunate to get a truffle in the last minute tonight. Then I thought I would try my luck with the fox, in this case Ron. He was coming into NC FB. No trouble receiving him, except for those calling him on his frequency. What idiots, I thought. A few minutes later, I discovered that even though I had carefully tuned my second VFO to be near the hounds, I hadn't gone into split mode. So I realized that I was in the ranks of the idiots. Well, I guess learning is what fox hunting is all about. So from now on, I will be more careful. And to those who heard me on the fox's frequency, my apologies. It wasn't intentional and I knew better.

72, 73

Jim
W4BQP

Date: Thu, 17 Jan 2002 19:47:09 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [117772] FOX: Spots
Message-ID: <Pine.LNX.4.33.0201171944380.3941-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is Steve n0tu on 7.03882 MHZ looking up and Ron N8VAR on 7.04275 MHz.

There are so many Hounds I have not been able to work either one!
My signal is just not better than 4 on a freq.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 17 Jan 2002 20:46:53 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>
Subject: [117773] Truffle Report
Message-ID: <000d01c19fca\$640bf540\$3571560c@jjp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hounds,

Tonight was a most humbling experience. On my first outing last year, conditions were good but there weren't that many hounds. Tonight, there was a loud roar above me and picking out calls was tough. My hat is off to those of you that can do it for 2 hours. I'm a nervous wreck after 30 minutes.

Thanks to all for your patience. My apologies to Randy, W9HL. I got some kind of mind block on his call and could not get the L out. I finally had to laugh, say thanks and go on. I hope I got the rest right.

I did not get an opportunity to drop to my calling frequency for those of you without RIT. It was not intentional but I honestly did not think about it. I WILL make a concerted effort next month when I am the truffle to not ignore you.

Hunt results are 26 truffels with 15 SPC's.

0130	N9NE	559	WI	TODD	5W	
0131	N1TP	599	FL	TOM		5W
0132	W5YR	559	TX	GEORGE	5W	
0133	K5DW	559	TX	DON		5W
0134	WV9N	559	OH	RANDY	5W	
0135	W5USJ	559	TX	CHUCK	5W	
0136	AC5JH	559	OK	TOM		5W
0137	K4GT	559	GA	JIM		5W
0138	W9HL	559	IL	RANDY	5W	
0140	K4BYF	559	FL	JACK		5W
0141	AF4PS	579	FL	MAC		5W
0143	W0RW	599	CO	PAUL		5W
0144	N4TN	579	TN	DON		5W
0145	W5TB	559	TX	DOC		5W
0147	K8DD	569	MI	HANK		5W
0148	K8CV	559	MI	WALT		5W
0150	W8DIZ	559	OH	DIZ		5W
0152	K0EVZ	559	ND	DOC		3W
0153	W6BWZ	599	GA	MATT	5W	
0153	K7UP	559	NM	JOHN		5W
0154	W0CH	579	MO	DAVE	900mw	(FB signal into AL)
0155	WE9K	559	WI	GLENN	5W	
0156	WR50	559	TX	DAVE		5W
0157	N8IE	559	OH	DAN		5W
0158	W4BQP	599	NC	JIM		5W
0159	K8KFJ	559	WV	GARY	5W	

Please e-mail any corrections direct to me and I will post them. Final log should be out in a couple of days.

Thanks again and it was my pleasure being the truffle tonight.

72 and 00 ya'll!

Jay

AJ4AY

Mobile, AL

FP -115, SOC 220, ARCI 8131, FISTS 7917

Date: Thu, 17 Jan 2002 21:46:05 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Stephan Greene" <sgreene@patriot.net>
Subject: [117774] Re: Limited space in car
Message-ID: <013a01c19fca\$489acfc0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Stephan Greene" <sgreene@patriot.net>
Subject: Re: Limited space in car

> I'll assume your car is a sedan with a fixed rear
> seat (no "hatch" or fold down seat to access the trunk).

Unfortunately, no. It's a mid-engine roadster. The forward wall of the trunk is metal, and the rear wall of the passenger compartment is metal, and the pieces of metal are about 2 feet apart with lots of moving stuff in between.

I may need to break down and go somewhere, but when the weather breaks, I'll have a closer look. I had my mechanic install the VHF rig, and even though it has a glass mount antenna, he still had quite a battle. Someone suggested pulling up the door threshold but I already ran that experiment and found a metal channel with no obvious way in. I need to plan to invest a couple of days tearing the car apart, I suppose.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Thu, 17 Jan 2002 21:57:57 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "QFOX@egroups.com" <QFOX@egroups.com>, QRPL <qrp-l@Lehigh.EDU>
Subject: [117775] Fox Hunt
Message-ID: <3C478F35.D2733C3C@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Man, Ron is keeping busy, and signals are loud loud LOUD.
Just worked him at 0256 z. have not left the frequency to hunt the other
Foxii, but will now.
My good neighbours across the lake are all 599 plus tonight, so my hat
is off to all you folks in Mn, Wi, and Mi, great signals as usual.

Fred
VE3FAL

Date: Thu, 17 Jan 2002 22:03:16 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: <jim-c@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117776] Re: Fox - Learned Something
Message-ID: <005601c19fcc\$ad480e90\$8f596fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did the same thing myself.

Feel like a fool.

jim-
----- Original Message -----
From: "Jim Campbell" <jim-c@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 17, 2002 9:41 PM
Subject: Fox - Learned Something

> I was fortunate to get a truffle in the last minute tonight. Then I
> thought I would try my luck with the fox, in this case Ron. He was
> coming into NC FB. No trouble receiving him, except for those calling
> him on his frequency. What idiots, I thought. A few minutes later, I
> discovered that even though I had carefully tuned my second VFO to be
> near the hounds, I hadn't gone into split mode. So I realized that I
> was in the ranks of the idiots. Well, I guess learning is what fox
> hunting is all about. So from now on, I will be more careful. And to
> those who heard me on the fox's frequency, my apologies. It wasn't
> intentional and I knew better.

>
> 72, 73

>
> Jim
> W4BQP
>

Date: Thu, 17 Jan 2002 22:06:42 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <QFOX@yahoogroups.com>, "QRPL" <qrp-1@Lehigh.EDU>
Subject: [117777] Re: [QFOX] Fox Hunt
Message-ID: <002801c19fcd\$28c9a420\$f98d4d0c@tom>

Not here in Florida. The Band is solid with crud,
crud and more crud.
Ron's signal is fine. I bagged him at 0216, but
Steve is weak, weak and mostly in the mud.
I hope the crud subsides soon.

Tom, N1TP
Naples, Florida

----- Original Message -----
From: "Fred Lesnick" <flesnick@tbaytel.net>
To: "QFOX@egroups.com" <QFOX@yahoogroups.com>;
"QRPL" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 17, 2002 9:57 PM
Subject: [QFOX] Fox Hunt

Man, Ron is keeping busy, and signals are loud
loud LOUD.
Just worked him at 0256 z. have not left the
frequency to hunt the other
Foxii, but will now.
My good neighbours across the lake are all 599
plus tonight, so my hat
is off to all you folks in Mn, Wi, and Mi, great
signals as usual.

Fred
VE3FAL

To unsubscribe from this group, send an email to:
QFOX-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to
<http://docs.yahoo.com/info/terms/>

Date: Thu, 17 Jan 2002 21:15:19 -0600
From: "George, W5YR" <w5yr@att.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117778] Re: FOX: Truffle - AJ4AY
Message-ID: <3C479347.6BB6C38F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

They did!

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Tom wrote:

>
> I've never heard so many hounds in the Truffle as
> this evening.
>
> Jay in Alababa is giving out pelts one after the
> other..
>
> I can clearly hear hounds from all parts of the
> U.S.
>
> Hope these conditions continue into the Fox Hunt
> this evening.

Date: Thu, 17 Jan 2002 21:14:27 -0600
From: Ed Manuel <edmanuel@directvineternet.com>
To: qrp-l@lehigh.edu
Subject: [117779] Re: QRP Mobile w/Hamsticks
Message-ID: <4.3.2.7.2.20020117210250.00c35da0@mail.directvineternet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:35 PM 1/17/02 -0600, you wrote:

>I did not have as good results on 40, but I suspect they are doing about as
>well as can be done, squeezing a 33 foot antenna into about 7 feet.

One thing to remember is that as you decrease the size, the feed impedance goes WAY down. I forget the actual number of a 7 ft. vertical on 40 - but its real low. That's why serious mobile operators use another section of coil as a matching network at the base of the antenna to match that very low impedance to the coax. Lakeview makes one of these - mounts right between the mount and the Hamstick. Also, some folks use an auto-transformer in a box to match bands below 20 meters to very short antennas. I forget who makes them. Probably MFJ or Palomar, I forget. On 20 meters, it can help the match but isn't as necessary - 8 ft. is an eighth wave anyway. One can expect losses of course, but never forget the first rule of antennas.

Any antenna is better than NO antenna.

If you would like to work 40 meter mobile, its better than not working it. Now, there are also better mobile antennas! But for less than \$20, its an OK place to start.

Of course, you want a really good 40 meter mobile antenna, you need something like a Texas Bug Catcher! Do a web search on that phrase to see some serious mobile antennas. Ain't no substitute for big wire!

Ed, N5EM

Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
Houston QRP Club, Houston Amateur Television Society
<http://www.n5em.com/> n5em@amsat.org

Date: Thu, 17 Jan 2002 22:19:21 EST
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu
Subject: [117780] RF interference with fire alarm
Message-ID: <12.18e30201.2978ee39@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi guys,

I have an RF problem that has finally become a QRP problem as well. For my whole ham career (40 years, just about) I have always avoided interference problems by cutting power; eventually, I did all my operating at five watts or less to virtually eliminate neighbor/interference problems. But I finally came hard up against one that even occurs at QRP levels. My own home fire alarm system is going off whenever I operate SSTV or PSK31 (continuous modes) on twenty meters. It is driving me crazy, and what's worse, it's driving me off the air on some modes. Which only makes me crazier.

Now, the problem is in the fire zone or 24 hour zone of the alarm (incidentally a Napco model 9000--circa 1985). No, it's not a new problem. I have had this problem whenever I've tried to operate at modest QRO levels on 20 meters for many years. But now, I really want to work some SSTV with the new software available, and I can't. Now, a 24 hour alarm zone means that the circuit is designed NOT to be disarmed by the homeowner. It is always armed, for obvious reasons. What I have in mind is disarming it for an hour or two, with a timer and a relay. The timer is in case I forget to rearm the fire alarm. Don't want to leave the system disabled, in case of a real fire, of course. But first I need some basic information. How do the alarm circuits work? Are they normally open or closed, and what's with the 1K terminating resistor I see in the diagrams? Do I install the relay to shunt the terminals or to disconnect one terminal? Anybody know these systems out there in QRP land? Do I have to figure this out for myself and then tell all of you how I did it? I would much rather not to have to reinvent the wheel. And finally, anybody got a good reference for a timer/relay circuit I can cobble up to do this job? And no, I don't have any nefarious motives for building a timer and relay for goodness sakes.

So, any input would be appreciated.

Preston WJ2V

Date: Wed, 16 Jan 2002 15:09:39 +0000
From: Brian Short <k7on@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117781] Re: looking for used laptop for PSK
Message-ID: <E16Qrty-000302-00@avocet.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We have all heard eBay horror stories, but I have seen some good buys on older laptops.

At 11:21 PM 1/15/02 -0500, Michael Goins wrote:
> Looking for a minimal laptop (preferably in the houston area) to dedicate to
> only psk. Anyone with a source of cheap laptops?

--
k7on@earthlink.net >or< <http://www.qsl.net/k7on/>
--

Date: Thu, 17 Jan 2002 20:28:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <QFOX@yahooogroups.com>
Cc: QRPL <qrp-1@Lehigh.EDU>
Subject: [117782] Re: [QFOX] Fox Hunt
Message-ID: <Pine.LNX.4.33.0201172026000.4213-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well Tom, Ron is weak as last nights tea! I can't copy him at all. No surprise he doesn't hear me. As I recall last time Ron was out I could not copy him. The end of his dipole must be lined up with Las Cruces, NM.

On Thu, 17 Jan 2002, Tom wrote:

> Not here in Florida. The Band is solid with crud,
> crud and more crud.
> Ron's signal is fine. I bagged him at 0216, but
> Steve is weak, weak and mostly in the mud.
> I hope the crud subsides soon.
>
> Tom, N1TP
> Naples, Florida
>
>
> ----- Original Message -----
> From: "Fred Lesnick" <flesnick@tbaytel.net>

> To: "QFOX@egroups.com" <QFOX@yahoogroups.com>;
> "QRPL" <qrp-1@Lehigh.EDU>
> Sent: Thursday, January 17, 2002 9:57 PM
> Subject: [QFOX] Fox Hunt
>
>
> Man, Ron is keeping busy, and signals are loud
> loud LOUD.
> Just worked him at 0256 z. have not left the
> frequency to hunt the other
> Foxii, but will now.
> My good neighbours across the lake are all 599
> plus tonight, so my hat
> is off to all you folks in Mn, Wi, and Mi, great
> signals as usual.
>
> Fred
> VE3FAL
>
> To unsubscribe from this group, send an email to:
> QFOX-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> <http://docs.yahoo.com/info/terms/>
>
>
>
>
> ----- Yahoo! Groups Sponsor ----->
> Tiny Wireless Camera under \$80!
> Order Now! FREE VCR Commander!
> Click Here - Only 1 Day Left!
> <http://us.click.yahoo.com/Wo0lbB/7.PDAA/ySSFAA/ELTo1B/TM>
> ----->
>
> To unsubscribe from this group, send an email to:
> QFOX-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 17 Jan 2002 22:25:35 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "QFOX@egroups.com" <QFOX@egroups.com>, QRPL <qrp-l@Lehigh.EDU>
Subject: [117783] Nabbed Fox #2
Message-ID: <3C4795AF.74359C35@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nabbed Steve at 0317 z. That makes two for me tonight... Sure been a great season so far, been a Fox, Cub Fox, and a hound dogggggggg.

Good luck to all.

VE5RC, I hear you at 0324, sounding good.

Fred
VE3FAL
Go Raiders, GO

Date: Thu, 17 Jan 2002 20:35:25 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [117784] FOX: Well 50% is...
Message-ID: <Pine.LNX.4.33.0201172033020.4239-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What a bad night! Ron is so faint I cannot copy him. But Steve was loud and after many, many, MANY calls he heard me. So like I say 50% is ok and I'll stop calling Ron. I would never know if he came back to me.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 18 Jan 2002 03:28:47 +0000
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [117785] Re: Hamsticks
Message-ID: <20020118.032901.3230.0.K9IUA@juno.com>

I have four of the Lakeview Hamsticks -- 40m, 20m, 15m, and 10m -- which I use with a triple-mag mount that I also bought from Lakeview. On my Chrysler minivan they look impressive, with the 15m, the longest for me, getting right up there to 14ft total height. What is equally significant is that I store them assembled right in the van, as they just fit in the length of the cab hanging just below the clothes hangers, from just inside the back hatch to right up to the windscreen.)

With my TenTec Scout (5 watts) I can use the 10-20m sticks with no tuner with decent SWR throughout the range. So for those bands, I am well satisfied. I did most of my 100 DX QSOs last year for the ARRL Millenium certificate as stationary mobile in the driveway using these three Hamsticks -- at 5 watts QRP no less.

The 40m, on the other hand, is a disappointment for me. With a tuner I can load it up, but at 5 watts it seems to get so little signal out there for people to hear me. As a result I haven't used it much. But it will work and so I will keep it.

I personally am a satisfied customer of Lakeview.

Cheers/73. Kevin, K9IUA

Kevin Anderson, K9IUA, Dubuque, Iowa
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 17 Jan 2002 22:35:07 -0500
From: "Harry Hurst" <wa3ptg@home.com>
To: <dafouchey@home.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117786] Re: QRP in 40 Meter Novice Band
Message-ID: <000801c19fd1\$2094f9e0\$0400a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NORCAL sells 7122 KHz. crystals. I thought that was one of the QRP frequencies.

Hap, WA3PTG
Wilmington DE

----- Original Message -----

From: "Dave Fouchey" <dafouchey@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 16, 2002 9:49 PM
Subject: QRP in 40 Meter Novice Band

> Was any consensus reached on a "standard" frequency for QRP in the novice
> portion of the 40 Meter Band?
>
> There are a few quiet slots in there and a whole lot less traffic than the
> lower 75 KHZ of the band.
>
> Dave
> WA4EMR/8
> Sterling Heights, MI

Date: Thu, 17 Jan 2002 21:43:34 -0600
From: "Scott Holisky" <sholisky@tpt.org>
To: QFOX@yahoogroups.com
Cc: qrp-l@lehigh.edu, n1tp@worldnet.att.net
Subject: [117787] Re(2): [QFOX] Fox Hunt
Message-ID: <fc.000f548a00a78fb03b9aca00f27f4508.a78fbc@tpt.org>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

N1TP:

>Ron's signal is fine. I bagged him at 0216, but

>Steve is weak, weak

Just the opposite here, Ron's signal can't decide if it's good on the H loop or the vertical. Seeing tremendous variations. Maybe I need an antenna that'll work that hole I have around 500 miles. Tuff huntin', did get him at 0318...

Nite all - Scott NOAR MN

Date: Thu, 17 Jan 2002 22:04:08 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117788] Fox -- Another Strange Hunt...
Message-ID: <200201180404.AA03081@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Seemed the band was *wide* open tonight. The pack was a wall of sound early on. Couldn't hear Ron for love or money, and Steve was readable, but burried in plenty of crud. He improved later, and I'm fairly certain I worked him (the crud popped up again right in the middle of my exchange), but Ron never did come up enough to be workable here. Must have been close to the black hole tonight. :-) Happy to have *a* pelt (maybe! :-)!

72/73,

Todd, AG0T

Date: Thu, 17 Jan 2002 23:18:34 -0500
From: Dave Fouchey <dafouchey@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117789] Re: Hamsticks
Message-ID: <4.1.20020117231716.009f3cf0@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

On the subject of Hamsticks, how are they used in a dipole config for semi-stealth installations? anyone using them so?

Dave
WA4EMR/8

Date: Thu, 17 Jan 2002 20:47:41 -0700
From: tailfeathers@juno.com
To: david@theadamsclan.com
Cc: qrp-1@Lehigh.EDU
Subject: [117790] Re: Go figure
Message-ID: <20020117.213637.-765475.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just to cheer you up a bit...Ya know the old saying that there is always someone that has had it worse than you? I fell off of a barn once and broke both feet and my arm in two places. Above and below my elbow. I wasn't a ham yet so I guess I just watched tv. I couldn't hardly take care of myself. If this is your first time hang in there you will be zipping around in a few days.

Gary

> Thanks to everyone for their well wishes...I'm going back to work
> tomorrow....I have pain killers and work in a Med Center (easy
> access to
> wheelchairs), so it should help pass the time!
>
> Dave
>
>

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 17 Jan 2002 20:41:23 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: dafouchey@home.com, qrp-1@Lehigh.EDU
Subject: [117791] Re: Hamsticks
Message-ID: <F1181EPPKquZlHsc7QP0001d0e9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For a great hamstick site, check out:

<http://www.cadvision.com/ve6vk/minibeam/minibeam.html>

Have fun!

73, John K7FD at www.hamhobby.com

>From: Dave Fouchey <dafouchey@home.com>
>Reply-To: dafouchey@home.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Hamsticks
>Date: Thu, 17 Jan 2002 23:18:34 -0500
>
>On the subject of Hamsticks, how are they used in a dipole config for
>semi-stealth installations? anyone using them so?
>
>Dave
>WA4EMR/8

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Thu, 17 Jan 2002 18:44:15 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117792] Re: Limited space in car
Message-ID: <000401c19fc0\$354c13c0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Car wiring generally takes one of two tracks.

One is the center console. Usually along the 'bottom' near the flat of the floor there can be a trough.

The other is the doors. If you unscrew the kickplates in the bottom of the doorways, a lot of cars have wiring harnesses that run from 'up front' behind the kickplates to the rear trunk area. These also generally have side channels that go under the drivers seat as well for wiring there.

Mike

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 17, 2002 5:47 PM
Subject: Re: Limited space in car

> The problem isn't mounting the radio. I'm sure the 706 will fit in there.
> The problem is getting from the passenger compartment to the trunk. There's
> a whole pile of paraphernalia inbetween. The only thing I can see so far is
> to go underneath, but then I have the problem of sealing a hole in the
> floor, likely quite a challenge.

>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
> didileydadidah QRP-L #1446 Code Warriors #35

> ----- Original Message -----

> From: "Caitlyn Martin" <ku4qd@qsl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, January 17, 2002 12:19 PM
> Subject: Limited space in car

> > Hi, John,

> > > Now that I have the newer car, I'm going to have to figure out
> > > how to get an HF lashup in it, and the car appears to have
> > > been carefully designed to thwart such an attempt. But
> > > that's another story.

> > This is a great application for a Yaesu FT-817. It's the only HF (and
> > VHF/UHF) rig that will fit in one of the storage slots *in* the
console
> > of my 2001 Ford Escape. I've done QRP SSB mobile, and on 20M and
above

> > it does work, with 6 (when open), 10, 12, and 15M being the best.
> >
> > 73,
> > Caity
> > KU4QD
> >
> >
> >
> >
> >
>
>

Date: Thu, 17 Jan 2002 21:52:45 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [117793] Wild night out FOXing
Message-ID: <003701c19fdb\$f8ee3720\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks all who stopped by. I was shooting to stay above 7040 but no room at the inn at start time so 7038 looked better for starters. As someone said wall-o-sound is right! Too many signals all at once. Seems signals we bouncing up and down alot too. Lots of crud and some SSB QRM not to mention the 7040 jammer or whatever that put-put buzz saw noise is? The highlight was the QRPp folk making it thru that crud was amazing. N9NE-100Mw, W9JOP/4-220Mw and W0CH -900Mw. Oh yes and the 100w stn<g>. It kept me hopping to find folks in the clear. Good thing you threw ur call in when u did Tom/N1TP or I would have missed u in the pile! about 15minutes before the close some loud QSOs started in near my RX freq. Then the pile disappeared. Like the band folded? But FUN night! Log in the AM? Err maybe PM since I have an early work start. But soon. THANKS all you hounds. Sorry if I missed any of you?!

Steve/n0tu

Date: Fri, 18 Jan 2002 00:00:35 -0500
From: w4bws@juno.com
To: edmanuel@directvinternet.com
Cc: qrp-l@Lehigh.EDU

Subject: [117794] Re: QRP Mobile w/Hamsticks
Message-ID: <20020118.000254.-158337.1.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have used a hamstick(Lakeview) for 40,20 and 10 since 1986 with good results. Had it installed on the ladder on the rear of my van with a mirror mount. Ran 1 inch braid from the ladder to the rear door hinge to make good ground. Ran QRP with my TS670 on 40 SSB/CW for two years and then went to the Bug Catcher-much better on 40, not much different on 20 with my IC735. Found the 20 meter hamstick resonated at CB band with the stinger removed. S0000- I cut a stinger for 20 and 15 and just changed stingers to change bands-worked well. Today you could have stingers for 20,17,15 and 12 meters with just one 20 meter base antenna. When I stopped and could operate fixed, I attached a wire to the top of the 20 meter stinger and worked 40 with the wire tossed up into a tree or on a convenient support. Lead sinkers help here. That was a GOOD 40 meter antenna. After the van I had a Honda Civic with rear hatch mounts on each side with 40 on one and 20 on other worked very well. Bugcatcher was just too big so it went on the balcony of my apartment with counterpoises and was the base antenna. Helped being on the third floor.
Don W4BWS

On Thu, 17 Jan 2002 21:14:27 -0600 Ed Manuel
<edmanuel@directvinternet.com> writes:
> At 06:35 PM 1/17/02 -0600, you wrote:
>
> >I did not have as good results on 40, but I suspect they are doing
> about as well as can be done, squeezing a 33 foot antenna into
> about 7 feet.
> SNIP
> Of course, you want a really good 40 meter mobile antenna, you need
> something like a Texas Bug Catcher! Do a web search on that phrase
> to see
> some serious mobile antennas. Ain't no substitute for big wire!
>
> Ed, N5EM
>
>
> Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
> Houston QRP Club, Houston Amateur Television Society
> <http://www.n5em.com/> n5em@amsat.org
>

>
>

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<http://dl.www.juno.com/get/web/>.

Date: Fri, 18 Jan 2002 03:52:38 -0500 (EST)

From: wb0wao@hotmail.com (Dennis Ponsness)

To: PDouglas12@aol.com

Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

Subject: [117795] Re: RF interference with fire alarm

Message-ID: <658-3C47E256-10@storefull-2152.public.lawson.webtv.net>

Content-Disposition: Inline

Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

Preston-

I do remember hearing a while back that type of RFI could be caused by one or more of the leads to a sensor being resonant on the band in question. Have you added ferrite beads and/or chokes to where the sensor leads connect to the main alarm box? If it is anything like the system at work, the sensors are connected with "bell wire" to a main panel. If the RF is getting into your alarm system this way, some small beads slipped over EACH lead coming in may solve the problem.

Or, you could try disconnecting all the sensor leads to the main box and then TX. If there is no problem then hook up one lead at a time and TX again. That will tell you what lead(s) are the problem or if RF is getting into the main box and narrow it down for further investigation.

I would rather not see you set up a "mod" to the system to turn it off. That could cause MAJOR problems if the circuit fails for some reason and a fire breaks out - God Forbid!

Hopes this helped some.

72

Dennis - WB0WAO

Date: Fri, 18 Jan 2002 09:55:14 -0000

From: "G3MFJ" <g3mfj@btinternet.com>

To: <lejek@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117796] Re: 49 MHz talkies in Europe
Message-ID: <012b01c1a006\$5e1b9b40\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi

The frequencies are definitely not the same, although the rules about power & non-removable antenna are. The UK frequencies are:

446.00625
446.01875
446.03125
446.04375
446.05625
446.06875
446.08125
446.09375

Now you have all the frequencies in one post!

72/3

Graham
G3MFJ

From: "Larry Cahoon" <lejek@erols.com>

> In the US the freq. are:

> 461.5625 Family Radio - 1
> 461.5875 Family Radio - 2
> 462.6125 Family Radio - 3
> 462.6375 Family Radio - 4
> 462.6625 Family Radio - 5
> 462.6875 Family Radio - 6
> 462.7125 Family Radio - 7
> 467.5625 Family Radio - 8
> 467.5875 Family Radio - 9
> 467.6125 Family Radio - 10
> 467.6375 Family Radio - 11
> 467.6625 Family Radio - 12
> 467.6875 Family Radio - 13
> 467.7125 Family Radio - 14

>

> I believe they are limited to 500 mW with very specific requirements on the

> antenna. They can't be removable and the like. Anyway it looks like the

> freq. are not the same on both sides of the pond.

Date: Fri, 18 Jan 2002 04:06:37 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <w4bws@juno.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117797] Re: QRP Mobile w/Hamsticks
Message-ID: <000701c1a010\$33b67140\$c0dd070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked from AZ to ME with 100 watts on a Lakeview ham stick using 100 watts with the antenna on the ladder on my pickup camper but I also ran a ground wire from the ladder to the frame of the truck. Also when stationary I run out 60 feet of wire on the ground side and just lay it on the ground The ham sticks have worked great for me while traveling in all kinds of RV's. the AZ to ME was on 75 meters and it was consistant morning after morning 72 Cal KF7ET

----- Original Message -----
From: <w4bws@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 17, 2002 10:00 PM
Subject: Re: QRP Mobile w/Hamsticks

> I have used a hamstick(Lakeview) for 40,20 and 10 since
> 1986 with good results. Had it installed on the ladder on the
> rear of my van with a mirror mount. Ran 1 inch braid from
> the ladder to the rear door hinge to make good ground.
> Ran QRP with my TS670 on 40 SSB/CW for two years and
> then went to the Bug Catcher-much better on 40, not much
> different on 20 with my IC735. Found the 20 meter hamstick
> resonated at CB band with the stinger removed. S0000- I
> cut a stinger for 20 and 15 and just changed stingers to
> change bands-worked well. Today you could have stingers
> for 20,17,15 and 12 meters with just one 20 meter base
> antenna. When I stopped and could operate fixed, I attached
> a wire to the top of the 20 meter stinger and worked 40 with
> the wire tossed up into a tree or on a convenient support.
> Lead sinkers help here. That was a GOOD 40 meter antenna.
> After the van I had a Honda Civic with rear hatch mounts on
> each side with 40 on one and 20 on other worked very well.
> Bugcatcher was just too big so it went on the balcony of my
> apartment with counterpoises and was the base antenna.

for sure how the manufacturer did it. Finding 'a' channel is easy, but if you look in the manual, a lot of them have '3-D' representations of the harnesses, and that can give you lots of ideas!

Mike

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>

> I may need to break down and go somewhere, but when the weather breaks, I'll
> have a closer look. I had my mechanic install the VHF rig, and even though
> it has a glass mount antenna, he still had quite a battle. Someone
> suggested pulling up the door threshold but I already ran that experiment
> and found a metal channel with no obvious way in. I need to plan to invest
> a couple of days tearing the car apart, I suppose.
>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
> didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 18 Jan 2002 07:17:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Larry Cahoon <lejek@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117799] Re: Hamstick
Message-ID: <3C481269.CCE8B393@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry,

I have been preaching about the effects that a good ground will give you on any end fed antenna. It is especially true if you are using a shortened antenna. The feedpoint impedance literally drops to under a few ohms! A good ground will not raise it, but will make matching it a whole lot easier! I don't know about placing your 259 on the back seat, it is still in the near field of the antenna. However, any way you can get a measurement is better than nothing!

73

Date: Fri, 18 Jan 2002 07:31:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: dafouchey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117800] Re: Hamsticks
Message-ID: <3C4815B1.52B916BD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave,

This will sound stupid, but they are mounted end to end and fed with coax or twin lead! Several people sell adapters especially made for the purpose. I have used them on 40 and 20 and they work very well.

73

Date: Fri, 18 Jan 2002 07:51:22 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117801] computer help
Message-ID: <006d01c1a01e\$d5972500\$2e211c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to thank all those who responded to my request for help lists for computers. I have picked up on a few of them and will contact them off list.. As I said before , this list is not really the place for computer discussions and I don't want others to maybe be unhappy with a nerd who is trying to get a handle on computers. I have read a few discussions on other reflectors relative to anti-virus programs and such and that's one reason I got interested.. I've been a victim just as many others have so I felt a need to know , as well as why this machine doesn't always do what I think it should do!! have a good day my friends!!!!

carl / kz5ca

Date: Fri, 18 Jan 2002 08:05:45 -0500
From: "John Dorson" <jdorson@Worldshare.net>
To: <carlseye@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117802] Re: computer help
Message-ID: <002801c1a020\$dbefad80\$1d273841@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does any one know of a list that deals with qrp topics like this list use to..

----- Original Message -----

From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 18, 2002 7:51 AM
Subject: computer help

> I want to thank all those who responded to my request for help lists for
> computers. I have picked up on a few of them and will contact them off
> list.. As I said before , this list is not really the place for computer
> discussions and I don't want others to maybe be unhappy with a nerd who is
> trying to get a handle on computers. I have read a few discussions on
other
> reflectors relative to anti-virus programs and such and that's one reason
I
> got interested.. I've been a victim just as many others have so I felt a
> need to know , as well as why this machine doesn't always do what I think
it
> should do!! have a good day my friends!!!!
> carl / kz5ca
>

Date: Fri, 18 Jan 2002 08:56:44 -0500
From: Radiohead <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [117803] Help with subscribe + unsubscribe ???
Message-ID: <3C48299C.92572F64@ica.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will be changing ISP at the end of the month.
I need to unsubscribe my old account and then subscribe
through my new one. It's been so long since I joined this
group that I forget how to do this.
Anyone ?

Please reply to hduff@ica.net

Thanks, Hugh

Date: Fri, 18 Jan 2002 10:13:09 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: "Brice D. Hornback" <bdh@cyberbound.net>
Cc: QRPp-I Club <QRPp-I@yahoogroups.com>
Subject: [117804] Re: Elmer 001 - Safety Tips
Message-ID: <20020118095617.E38739-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree with Brice whole heartedly. If I have learned only one thing from
Ma Bell (36 Years), It is "ALWAYS WEAR YOUR SAFETY GLASSES!"

It only takes one close cal to make you a believer. It reminds me of the
old proverb of another Profession of interest. "Never look at a Laser with
your One Good Eye!" Think about it...

I might add that many of us must use eyeglasses to do anything, they might
as well be SAFETY GLASSES. Actually most are plastic lenses these days.
Still I find that I wear my old Company, U.S. Safety (Tm) glasses, when
working. If I had employess in my company, It would be a condition of
employment to wear them!

Funny how our prospective of things changes as we get older. :^}

I would also recommend that every workshop have a Fire Extinguisher and a
First Aid Kit.

Grab those glasses and Melt some Solder! (Last part (C) KC1JV)

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

On Fri, 18 Jan 2002, Brice D. Hornback wrote:

> Speaking of cutting and grinding things with a Dremel...
>
> -----
> Safety Tips
> -----
>
> Always wear eye protection... especially when using a Dremel, soldering,
> trimming leads, etc. ALWAYS wear eye protection (worth mentioning twice).
> Don't pry things with an hobby razor knife (*trust me*). Always work in an
> area with good ventilation. Don't hold solder in your mouth. Use the right
> tool for the job. When drilling, especially in metal, use a vise and/or
> clamps to hold the material securely... otherwise it can spin and do really
> bad things to fingers.
>
> Anything else to add?
>
> 73/72/71! de Brice KA8MAV
>
> ----- Original Message -----
> From: "George Gingell" <k3tks@abs.net>
> To: "Jim W4JBM" <w4jbm@MailAndNews.com>
> Cc: <QRPP-I@yahoogroups.com>
> Sent: Friday, January 18, 2002 12:13 AM
> Subject: Re: [QRPP-I] Re: Elmer 001 - Magnet Wire
>
>
> > All I Know is that you can Slice then or cut notchs in them with a Dremel
> > and Cutting Wheel. It should be easy to take a little off the edges with

> > a bit of Fine Emory Paper. Put the toroid between two fiber washers on an
> > appropriate sized nut and bolt and put the bolt in your drill turn it on
> > and touch with emory paper.
> >
> >
> >
> > Sir George, The First :^}
> >
> > 72 ES
> > QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> > Former QRP A.R.C.I. Net Manager and Board of Director Member.
> > Gingell & Company, Ltd. Small Business Telephone Systems
> > Commercial Locksmith Services (301) 572-6789 Office & Fax
> > George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> > Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
> > Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> > Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
> >
> > Collector of Quartz Crystals and Telegraph Keys.
> >
> > "72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM
> >
> >
> > On Thu, 17 Jan 2002, Jim W4JBM wrote:
> >
> > > Another aid is to take a flat file and take the sharp edge off the
> > toroid.
> > >
> > > Has anyone ever tried a rock tumbler? I remember seeing something,
> > somewhere
> > > about using one of those little tumbler/polishers to take the edge off.
> > The
> > > kids got one for Christmas a few years ago and I know it's sitting
> > around
> > > somewhere...
> > >
> > > 73,
> > > Jim W4JBM
> > >
> > > <http://www.qsl.net/w4jbm>
> > >
> > > "With a soldering iron in one hand, a schematic in the other, and a
> > puzzled
> > > look on his face..."
> > >
> > >
> > > To unsubscribe from this group, send an email to:

```

> > > QRPP-I-unsubscribe@yahoogroups.com
> > >
> > > Check out what's new at the
> > > QRPP International Radio Club's Web site:
> > > http://www.QRPP-I.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to
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> > http://us.click.yahoo.com/yWCYWA/6XkDAA/ySSFAA/ELTo1B/TM
> > ----->
> >
> > To unsubscribe from this group, send an email to:
> > QRPP-I-unsubscribe@yahoogroups.com
> >
> > Check out what's new at the
> > QRPP International Radio Club's Web site:
> > http://www.QRPP-I.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
> >
>

```

```

-----
Date: Fri, 18 Jan 2002 10:43:37 -0500
From: "Richard Arnold" <af8x@home.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [117805] TS50, old dog, new tricks
Message-ID: <008001c1a036$ea82bfc0$31af0741@mcmb1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

```

I would like to find an answer to this from someone who has made the mod in

question.

I would like to lower the low-power output to 5 watts, but the AT50 auto tuner takes 10 watts to operate. My question: Will it still tune if I start the tune process in the medium power range? That is, does the rig revert to the low range which would now be 5 watts, or would it reduce power to 10 watts from the medium range where tuning was initiated? Suggestions are welcome.

Dick AF8X

Dick

Date: Fri, 18 Jan 2002 10:57:53 -0500
From: Jake Brodsky <frussle@erols.com>
To: qrp-l@lehigh.edu
Subject: [117806] Re: TS50, old dog, new tricks
Message-ID: <41hg4u0lpfdnb0ohc2eq922oj5mjhdm659@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Hint: the medium power level is totally adjustable and it's not used for the ATU. =20

As you pointed out, Low is used for antenna tuning and if you lower it, your ATU may not be able to tune reliably. I turned my low power level down to five watts for my Ten Tec 6 Meter transverter and the ATU tuning was affected. However, you can turn down the medium power level to anything, even 1 watt, and you'll be ok. That's what I ended up doing.

Just remember the medium may be lower than low...=20

>>>> OUCH! THAT HURTS MY HEAD <<<<

73,

Jake Brodsky, <mailto:frussle@erols.com>
"Nearly fifty percent of all graduates came from=20
the bottom half of the class."

Date: Fri, 18 Jan 2002 09:33:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Richard Arnold <af8x@home.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117807] Re: TS50, old dog, new tricks
Message-ID: <Pine.LNX.4.33.0201180930510.2532-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Richard try your rig at 5 watts on the tuner. It might work ok. If not then tune up the antenna with 50 watts, and then drop back to 5 watts. Do you know how to drop the power to 5 watts? It's simple, but you need a good power meter and a dummy load.

On Fri, 18 Jan 2002, Richard Arnold wrote:

> I would like to find an answer to this from someone who has made the mod in
> question.
> I would like to lower the low-power output to 5 watts, but the AT50 auto
> tuner takes 10 watts to operate. My question: Will it still tune if I start
> the tune process in the medium power range? That is, does the rig revert to
> the low range which would now be 5 watts, or would it reduce power to 10
> watts from the medium range where tuning was initiated? Suggestions are
> welcome.
> Dick AF8X
> Dick
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 18 Jan 2002 11:33:39 -0500
From: "Richard Arnold" <af8x@home.com>
To: <qrp-1@Lehigh.EDU>
Subject: [117808] RE; Old Dog...
Message-ID: <009801c1a03d\$eb1ed480\$31af0741@mcmb1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, thanks for the input guys. Jakes solution is quite novel, and it works!

Dick

Date: Fri, 18 Jan 2002 10:43:15 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@Lehigh.EDU
Cc: dafouchey@home.com
Subject: [117809] Re: QRP in 40 Meter Novice Band
Message-ID: <200201181643.g0IGhFR30373@okcforum.org>

> Was any consensus reached on a "standard" frequency for QRP in the
> novice portion of the 40 Meter Band?

The question of what frequencies to use for QRP in the Novice subband of 40 M comes up frequently. The opinions vary widely. Nevertheless, you'll probably find one or more people who will be glad to answer you in an authoritative tone, assuring you that "the QRP novice frequency on 40 is _____. I can name at least 3 frequencies that I've heard referred to as "the" QRP novice frequency on 40. My personal opinion is that the best strategy is to consider the whole subband available.

The big issue in the 40 M Novice subband is the QRM from the big broadcast stations there. Complicating factors are propagation variations and changes that the broadcasters make in their frequencies and operating schedules. Ham A may tell you that 7.110 is "always" clear, but Ham B may tell you that 7.110 is one of the worst spots in the band. Here in the US alone, we have a lot of longitude change between the east coast and the west coast. Not everyone hears the same broadcast stations at the same time.

And perhaps no sooner than you have the whole subband mapped out in your mind, one or more broadcasters may change their frequency or operating schedule.

Approaches vary, too. Some operators prefer to get as far away from the strongest signals as possible. Other operators argue that the best spots are the frequencies just far enough away from one of the stronger broadcasters that a reasonably good filter can separate the signals. The theory is that other, more minor broadcasters will avoid such frequencies so as not to have to compete with the big boys.

The bottom line becomes a strong recommendation for a VF0! If you're wanting to use crystal control on the novice subband on 40 meters, be aware that it's perhaps the worst area in all of hamdom for crystal control. Norcal offers inexpensive crystals on 7.122. You might want to

try listening around that frequency for a while and decide if it might work for you. You might want to do the same with other frequencies for which inexpensive crystals are available. You might also simply obtain as many crystals in the 40 M novice subband as you can.

If you want to buy the 7.122 crystal from Norcal, you can find it near the bottom of the page at:

<http://www.fix.net/~jparkernorcal/kits/kits.htm>

By the way, you can build a VFO fairly cheaply. For example, one popular choice is The Universal VFO. You can get a circuit board from Far Circuits for that one. There are other kit-type options available, as well. Ask here on QRP-L if you want advice about how to pursue that option.

If you have (or build) a VFO, you should tune all around the 40 M novice subband looking for contacts. You can find QRPers all over the subband.

73,
Jim WB5UDE

Date: Fri, 18 Jan 2002 10:53:03 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [117810] FRS Freq's
Message-ID: <3.0.6.32.20020118105303.007a7900@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The frequencies are definitely not the same,

>The UK frequencies are: 446.00625, ect

>> In the US the freq. are: 461.5625, ect Family Radio - 1

Interesting. I bet there is a jumper pad in there some place they use to select between the two "bands". That way they wouldn't have to make two versions for the different markets. If a Ham had designed it, he would have added a secret jumper to put it in the 440 ham band!

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 18 Jan 2002 17:34:17 +0000
From: Arthur Moe <kb7ww@uswest.net>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [117811] AEA Morse Matic mm-2
Message-ID: <3C485C99.3E49CD45@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have a manual for this beast need some info????

Art
KB7WW

Date: Fri, 18 Jan 2002 09:41:01 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Cc: "David Adams" <david@theadamsclan.com>
Subject: [117812] Re: Go figure
Message-ID: <00aa01c1a047\$4eec0f60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David, see what you get for abandoning us in California? Man, I can't wait to see the pics of you riding that bike with your leg in a cast and operating mobile CW, grin. Seriously, sorry to hear of your misfortune, but know that you will be fine, and with your positive outlook, it will not be a problem for you. We already miss you at the California Burger. Hurry up and heal up and come back for a visit. 72, Doug

Date: Fri, 18 Jan 2002 12:44:26 -0500
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117813] RE: QRP in 40 Meter Novice Band
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E38F363C@tryexch01.NorthAmerica.DelphiAuto.net>

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I like this idea a lot. Drop 7.04 and commander the entire Novice sub band for QRP. Any ideas on how we can make this happen? My suggestion would be to get one of the major organizations to champion a campaign. How about it NORCAL, ARCI, or even our friends at ARRL?

Ed AB8DF

-----Original Message-----

From: Jim Glover [mailto:psykey@okcforum.org]=20
Sent: Friday, January 18, 2002 11:43 AM
To: Low Power Amateur Radio Discussion
Subject: Re: QRP in 40 Meter Novice Band

> Was any consensus reached on a "standard" frequency for QRP in the
> novice portion of the 40 Meter Band?

The question of what frequencies to use for QRP in the Novice subband of 40 M comes up frequently. The opinions vary widely. Nevertheless, you'll probably find one or more people who will be glad to answer you in an authoritative tone, assuring you that "the QRP novice frequency on 40 is _____. I can name at least 3 frequencies that I've heard referred to as "the" QRP novice frequency on 40. My personal opinion is that the best strategy is to consider the whole subband available.

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<http://www.fix.net/~jparker/norcal/kits/kits.htm>

By the way, you can build a VFO fairly cheaply. For example, one popular choice is The Universal VFO. You can get a circuit board from Far Circuits for that one. There are other kit-type options available, as well. Ask here on QRP-L if you want advice about how to pursue that option.

If you have (or build) a VFO, you should tune all around the 40 M novice subband looking for contacts. You can find QRPers all over the subband.

73,=20
Jim WB5UDE

Date: Fri, 18 Jan 2002 11:33:20 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [117814] Tuna Tin 2 a Good Investment
Message-ID: <B86DB87E.1092F%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Now everybody knows that you can buy a new Tuna Tin 2 Kit from the Ft. Smith QRP club for \$12. Including shipping. Less if you buy in quantity.

On e-bay an assembled Tuna Tin 2 is going for \$19.50!!

This is roughly a 60% premium over the original cost. And all the fun of

putting it together has been taken out of it. So forget about mutual funds, municipal bonds, and the market. Invest in Tuna Tin 2s. :^)= Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 18 Jan 2002 11:57:54 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <aa4lr@arrl.net>, qrp-l <qrp-l@lehigh.edu>
Subject: [117815] Upconversion, Wide Roofing Filters, and Good Dynamic Range
Message-ID: <B86DBE41.10930%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - I read with interest your comments on upconversion in the mixer discussion;

"Up-conversion has its own problems. It's part of the reason the K2 has really good dynamic range characteristics for adjacent signals. Since there's no up-conversion, the first filter is really narrow. In typical up-conversions, the roofing filter is rather broad, which is a potential point for overload in later stages."

There is no intrinsic reason why the roofing filter on an upconversion receiver has to be so wide. Narrow filters can be built at the high IF frequencies used for upconversion IFs.

The real problem is that most upconversion transceivers try to be all things to all people. The inclusion of FM into modern receivers is what dictates the wide first filter. If FM does not have to be accommodated a narrow roofing filter could be fit in an upconversion scheme. Of course a second roofign filter could be fitted, but then the expense would rise.

One can have fairly good strong adjacent signal performance even with wide filters. The amplifying stages accompanying the wide filter need to have relatively low gain and robust strong signal handling capabilities, but it can be done. As examples, the Collins 75S3 series had a 200 kHz wide first IF and an excellent reputation for coping with adjacent strong signals. The 75A4, with an even better reputation, had a 500 kHz wide first IF. So it can be done.

Narrow filters are only a part of the recipe for good strong signal handling properties in a receiver. Gain distribution among the stages is as important

as is the distribution of intercept points in the receiver stages.

Single conversion does not guarantee good strong adjacent signal handling capability. There are lots of poorly designed single conversion receivers out there.- Dr. Megacycle KK6MC/5 "Radio Green CHile"

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 18 Jan 2002 13:07:49 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117816] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
Message-ID: <Pine.BSI.3.96.1020118130141.4348A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In my receiver designs, I use a 70MHz SAW filter as the first IF. I can get these at narrow enough bandwidths at moderate cost without having to be concerned about overloading the early stages. My reason for doing so is to alleviate the RF image problem that results from using lower IF frequencies.

The argument can be made that having a wide RF input bandwidth (before the first mixer) in an upconversion receiver is detrimental, and you will get no argument from me. Having at least one stage of filtering before the first RF amplifier, and preferably an additional stage between that amplifier and the mixer, is necessary.

This was a driving reason for my having invented and subsequently patenting my feedback mixers, which give a high amount of dynamic range while using very little DC and LO power. I will be hopefully publishing a professional paper on this design this year, as well as having the final patent granted. Prior to those disclosures, I have to keep the details quiet, unfortunately.

Chris

On Fri, 18 Jan 2002, James R. Duffey wrote:

> Bill - I read with interest your comments on upconversion in the mixer
> discussion;

'-|)__| :. \
| | | | \ '.
c__; c__; '-...'>._

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Fri, 18 Jan 2002 14:35:11 -0500
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [117817] London QRP clubs
Message-ID: <004e01c1a057\$3f23e340\$a852fc9e@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Y'all:

I may have an opportunity to travel to London for several days
in the very near future.

Was wondering if there is a QRP group active in London with
meetings/events/discussions, etc, etc. Even a "normal" radio
club would do:-)

73 and ta-ta, Joe W2KJ
(North Carolina)

Date: Fri, 18 Jan 2002 19:54:23 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <w2kj@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117818] Re: London QRP clubs
Message-ID: <DAV34ImPiZx0ASWTgZu00015905@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Joe W2KJ" <w2kj@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, January 18, 2002 7:35 PM

Subject: London QRP clubs

> Howdy Y'all:

>

> I may have an opportunity to travel to London for several days
> in the very near future.

>

> Was wondering if there is a QRP group active in London with
> meetings/events/discussions, etc, etc. Even a "normal" radio
> club would do:-)

There isn't a QRP group in London, AFAIK. In fact, there aren't many radio clubs in the metropolis. I used to belong to the Harrow RS. Contact is Jim Ballard on 01895 476933.

The Edgware & DRS meets every week. Contact is David, G5HY, on 01923 655284.

73, Leon

--

Leon Heller, G1HSM leon_heller@hotmail.com

http://www.geocities.com/leon_heller

Low-cost Altera Flex design kit: <http://www.leonheller.com>

Date: Fri, 18 Jan 2002 15:00:19 -0500

From: KKANALZ@prodigy.net

To: <w2kj@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [117819] Re: London QRP clubs

Message-ID: <AA-C94A17B637E076AD1B5704546B1368E9-ZZ@maillink1.prodigy.net>

Joe,

I was a founding member of the U.K. FM Group (London) and a past officer of the Echelford Amateur Radio Society (EARS), near Hounslow (which isn't far from Heathrow Airport, by the way). Unfortunately, I don't know (now) when each group meets or the exact

addresses. I'd suggest you contact the RSGB (Radio Society of Great Britain) for the information you're seeking -- they'll put you in touch with all the ham groups around London (or wherever you will travel).

Karl K.

W8TIF (ex-G5AGX)

McKinney, Texas

--- Original Message ---

From: "Joe W2KJ" <w2kj@earthlink.net>

Subject: London QRP clubs

>Howdy Y'all:

>

>I may have an opportunity to travel to London for several days

>in the very near future.

>

>Was wondering if there is a QRP group active in London with

Date: Fri, 18 Jan 2002 13:03:22 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: Chris Trask <ctrask@primenet.com>, qrp-l <qrp-l@lehigh.edu>

Subject: [117820] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range

Message-ID: <B86DCD99.10938%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Chris - Thanks for the reply. I am familar with some of your strong signal Mixer work having read the articles in RF Design and Wireless World. Good stuff, and somebody ought to make these in an IC. :^)

Yes selectivity before the first RF stage or even first mixer helps immensely. Those old tuneable preselectors, given up for "tune free" operation in newer rigs, helped a lot.

--

James R. Duffey KK6MC/5

Cedar Crest, NM DM65

Date: Fri, 18 Jan 2002 15:24:45 -0500
From: "Steve Markowitz" <sdmarko@attglobal.net>
To: <qrp-l@lehigh.edu>
Subject: [117821] RE: QRP-L digest 2438
Message-ID: <MBBBIMJDINHHCIEADIPDCEHOCAAA.sdmarko@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a formula to convert resistance to reactance, and, if so, what is it?

Date: Fri, 18 Jan 2002 16:03:41 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [117822] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
Message-ID: <3.0.6.32.20020118160341.007b0100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Digi-Key has a 45 MHz monolithic xtal filter with a +/- 15 KHz 3 dB pass band which would make a nice roofing filter, except it's a little low in frequency and is pretty expensive at \$27.30.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 18 Jan 2002 15:59:37 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: sdmarko@attglobal.net
Cc: qrp-l@lehigh.edu
Subject: [117823] RE: QRP-L digest 2438
Message-ID: <3.0.6.32.20020118155937.007ae830@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Is there a formula to convert resistance to reactance, and, if so, what is
>it?

Err, not really, as they are expressed in the same terms, ohms.

Reactance is the amount of apparent resistance an inductor or capacitor has at a given frequency.

So, the reactance of an inductor is $X_L = 2 \times \pi \times f \times L$
and for a capacitor it is $X_C = 1 / 2 \times \pi \times f \times C$.

The reactance of an *ideal* resistor is the same as it's resistance, for all frequencies. (this is not the case in real life, but lets not complicate the issue for now)

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 18 Jan 2002 14:24:06 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117824] Re: Upconversion, Wide Roofing Filters, and Good Dynamic Range
Message-ID: <Pine.BSI.3.96.1020118142326.25986A-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

With an appropriate filter in the front end of the receiver, that filter could be a reasonable alternative.

Chris

On Fri, 18 Jan 2002, Steven Weber wrote:

> Digi-Key has a 45 MHz monolithic xtal filter with a +/- 15 KHz 3 dB pass
> band which would make a nice roofing filter, except it's a little low in
> frequency and is pretty expensive at \$27.30.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>

[illegible]

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Fri, 18 Jan 2002 16:46:19 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117825] Milliwatt DX QSO today
Message-ID: <GCECIJFJPOHMCKACOA0BKELBDFAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had pretty nice DX QSO this afternoon -- worked EA4RJ on 10m. He was running 500 milliwatts to a dipole -- I was "high power" at 5 watts to my attic dipole.

Man, this QRP stuff is fun!!

73,

Jake -- N4UY
Vienna, VA
(Wash DC suburbs)

Date: Fri, 18 Jan 2002 16:58:12 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117826] Re: FRS Freq's
Message-ID: <3C489A74.A0935334@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,
>
> versions for the different markets. If a Ham had designed it, he would have
> added a secret jumper to put it in the 440 ham band!
>
BUT a ham didn't build it, and it is illegal to tamper with the
internals of the radios!

73

Date: Fri, 18 Jan 2002 16:59:28 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: psykey@okcforum.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117827] Re: QRP in 40 Meter Novice Band
Message-ID: <3C489AC0.514AFC7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim.

Interesting discussion, but wouldn't a VFO solve the problem for everyone?

73

Date: Fri, 18 Jan 2002 17:04:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: sdmarko@attglobal.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117828] Re: QRP-L digest 2438
Message-ID: <3C489BFD.48BEC46A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

>

> Is there a formula to convert resistance to reactance, and, if so, what is
> it?

>

If it is pure resistance it has no reactance, by definition. If it is a complex load, like an inductance in series with a resistor or a capacitor in series with a resistor, there are formulas. ANT edition of the Radio Amateurs Handbook will teach you more than you probably want to know about the subject! You do have a handbook don't you?

73

Date: Fri, 18 Jan 2002 16:35:11 -0600 (CST)
From: Jim Glover <psykey@okcforum.org>
To: w6toy@erols.com (Bruce Muscolino)
Cc: psykey@okcforum.org,
 qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [117829] Re: QRP in 40 Meter Novice Band
Message-ID: <200201182235.g0IMZBS01220@okcforum.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Jim.

>

> Interesting discussion, but wouldn't a VFO solve the problem for

> everyone?

>

> 73

Bruce--

Good point. I guess that's why I included the paragraph emphasizing the feasibility of building a VFO, and started the paragraph discussing multiple crystals with this:

: The bottom line becomes a strong recommendation for a VFO!

My recommendation, in case I didn't make it clear in my last post, is to consider the entire novice subband on 40 M (excluding the areas dominated by QRM at any given time and place) to be hunting ground for QRP contacts. The easiest way to do that would be to use a VFO. For those without a VFO or who prefer crystal control for some reason, the next best choice would be to acquire a variety of crystals in the 40 M novice subband--a strategy most of us would approach by looking for crystal bargains, such as the 7.122 crystals that Norcal offers. Of course, some type of "bending" to vary the crystal frequency would also help.

I don't think any one frequency in the 40 M novice subband is going to serve most QRPers at most times. I think successful operation in that area, by QRPers as well as everyone else, will require a flexible attitude about choosing frequencies. The actual hardware implementation, however, must ultimately be left to the individual ham! :)

73,

Jim WB5UDE

Date: Fri, 18 Jan 2002 17:36:35 -0500

From: Dave Fouchey <dafouchey@home.com>

To: w6toy@erols.com,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [117830] Re: Hamsticks

Message-ID: <4.1.20020118173355.00994510@localhost>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Not stupid at all Bruce, the mechanics weren't the question the utility was. How well they work as a limited space rotatable dipole the neighbors are likely to overlook!

My preference is as always a full size antenna, but just for the sake of

keeping a low profile when necessary I was looking for input on folks who have used them in this configuration, get their opinions on if they were worth the effort or not.

73's
Dave
WA4EMR
Sterling Heights, MI

At 07:31 AM 1/18/2002 -0500, Bruce Muscolino wrote:

>
>
>Dave,
>
>This will sound stupid, but they are mounted end to end and fed with
>coax or twin lead! Several people sell adapters especially made for the
>purpose. I have used them on 40 and 20 and they work very well.
>
>73

Date: Fri, 18 Jan 2002 17:56:36 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117831] 2001 Ham Radio totals, de N4UY
Message-ID: <GCECIJFJPOHMCKACOA0BEEELDDFAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just did an analysis of my 2001 QS0s. They break down like this:

Total QS0s	794
QRP QS0s	741
QRP-DX QS0s	363
2-way QRP-DX QS0s (excl CAN)	6
QRP-DX Countries worked	84
Milliwatt QS0s	309
Milliwatt states worked	37
Milliwatt DX QS0s	0 (I'll have work on this)

Of my 53 QRO QS0s, 39 were attributable to my 7-yr. old daughter when she participated in last years NA QS0 party (phone). She will be on again this

weekend, so if you hear a little YL voice calling "CQ North American QSO Party" please give her a call.

73,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Fri, 18 Jan 2002 17:46:07 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [117832] Hiding the board-makin' evidence & other associated follies
Message-ID: <20020118.174621.-376977.2.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Ok, as long as Cindy doesn't find out I tried to use her hot-shot iron on this board making project, I'll be ok. For a couple minutes. Maybe.

EI9QG's web site has a bit about using Epson photo quality paper for ink jet printers, which you run through your trusty 4P that (if you're like me) you got from Roger for \$50 (not countin' the nearly \$90 toner cartridge). What comes out of the printer gets taped to the board material & then ironed on with a hot iron, set to polyester or something like that.

Well, I tried it & it almost worked. I got a lot of the black stuff transfered but not all of it & most of the plastic in the paper stuck to the board too.

So now it's either I wait for the island cutter(s) to arrive or I get out the Dremel tool.

See, part of this is my codgerly cussedness tryin' to avoid having to pay to get the boards made for one of my two big-time projects (the LPF board in the amp) and a couple of the boards from the 1974 W7BBX tiny-radio resurrection project. I'm trying to be inventive & use the local resources before I hustle up a couple hundred camels and make the trek over the Silk Road to get the spices that I need to cover up the taste of bad meat.

Ok, that's a metaphor. But you get the idea.

And with such luck on this, can you imagine what I'd get for spending my cash on a PnP kit? The iron would never be the same again. Or me, if Cindy finds out. And none of youse better tell her, see, or I'll have to get Sammy to whack youse, see?

In the meantime, check out G3TS0's site (which I naturally don't have the URL for, bein' as how I just look up the callsign on Google & get there pretty quick). Some guys just have too much time, you know?

Yeah, I know, like me. But that's another story. So while I try to find all the pieces of my Dremel tool, I'll listen to the new Gonzalo Rubalcaba CD I got today & leave youse alone, see?

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/web/>.

Date: Fri, 18 Jan 2002 18:41:43 -0500

From: "Steve Hudson" <sdhudson@cahners.com>

To: <qrp-1@lehigh.edu>

Subject: [117833] For sale -- Buzz Not (unbuilt kit)

Message-ID: <000001c1a079\$af003d40\$63f7b23f@acpdceditor>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Wilderness Radio Buzz Not kit, unbuilt, still in bag as received. \$15 mailed to you in U.S.

Steve AA4BW

Date: Fri, 18 Jan 2002 17:00:25 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steve Markowitz <sdmarko@attglobal.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117834] RE: QRP-L digest 2438
Message-ID: <Pine.LNX.4.33.0201181657560.1648-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Resistance is a component of reactance. Therefore you cannot convert it to anything. If you have the resistance and SWR of something I have written a program that yields the reactive component. Works fine in windows and linux.

On Fri, 18 Jan 2002, Steve Markowitz wrote:

> Is there a formula to convert resistance to reactance, and, if so, what is
> it?
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

End of QRP-L Digest 2439

